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Attorney Docket # 1739-10PUS

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re National Phase PCT Application of  
Helmut SCHMIDHAMMER et al.

Int'l PCT Serial No.: PCT/EP2003/006866

Int'l Filing Date:: 27 June 2003

For: Morphinan Derivatives The Quaternary  
Ammonium Salts Thereof Substituted In  
Position 14, Method For Production And  
Use Thereof

**INFORMATION DISCLOSURE STATEMENT**

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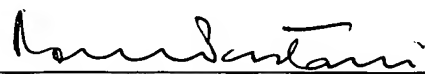
S I R:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO/SB/08a. Copies of the listed documents are also enclosed.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

It is respectfully requested that the above information be considered by the Examiner and that the copy of the enclosed Form PTO/SB/08a be returned indicating that such information has been considered.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

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Dated: December 23, 2004

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	107519388
		Filing Date	
		First Named Inventor	Helmut SCHMIDHAMMER
		Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	1739-10PUS	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Chen-Yu Cheng, et al., "N-Cubylmethyl Substituted Morphinoids as Novel Narcotic Antagonists", <u>Bioorganic &amp; Medicinal Chemistry</u> , Vol. 4, No. 1, pp 73-80, 1996.	
		A. Coop, et al., "Delta Opioid Binding Selectivity of 3-Ether Analogs of Naltrindole", <u>Bioorganic &amp; Medicinal Chemistry Letters</u> , 9 (1999) 3435-3438.	
		J. Schütz, et al., "Synthesis and Biological Evaluation of 14-Alkoxymorphinans. 17. Highly $\delta$ Opioid Receptor Selective 14-Alkoxy-Substituted Indolo- and Benzofuromorphinans", <u>J. Med. Chem.</u> 2002, 45, 5378-5383.	
		H. Schmidhammer, et al., "Synthesis and Biological Evaluation of 14-Alkoxymorphinans. 1. Highly Potent Opioid Agonists in the Series of (-) - 14 Methoxy-N-methylmorphinan-6-ones", <u>J. Med. Chem.</u> , 1964, 27, 1575-1579.	
		P. Klein, et al., "O <sup>3</sup> -(2-Carbomethoxyallyl) Ethers of Opioid Ligands Derived from Oxymorphone, Naltrexone, Etorphine, Diprenorphine, Norbinaltorphimine, and Naltrindole. Unexpected O <sup>3</sup> -Dealkylation in the Opioid Radioligand Displacement Assay", <u>J. Med. Chem.</u> , 1992, 35, 4589-4594.	
		P.S. Portoghese, et al., "Synthesis of Naltrexone-Derived $\delta$ -Opioid Antagonists. Role of Conformation of the $\delta$ Address Moiety", <u>J. Med. Chem.</u> , 1994, 37, 579-585.	
		C. W. Funke, et al., "A <sup>1</sup> H and <sup>13</sup> C Nuclear Magnetic Resonance Study of Three Quaternary Salts of Naloxone and Oxymorphone", <u>J. Chem. Soc. Perkin Trans. II</u> , 1986, Pages 735-738.	

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